

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Method A method for producing logs of wound web material, comprising:

- winding a quantity of web material around a first winding core to form a first log in a winding area;
- upon termination of winding the first log, bringing a second winding core, with glue on a surface thereof, into contact with said web material;
- severing the web material to produce a tail end of the first log and a leading end to form a second log around said second winding core;
- transferring a portion of the glue from the second winding core to a portion of the web material to be wound on the first log, in proximity to the tail end, which is glued to the first log, and unloading said log from the winding area, wherein said portion of the glue is transferred by the second winding core to the web material before severing of the web material.

2. (Currently Amended) Method The method as claimed in claim 1, further comprising

- feeding the web material around a first winding element;

- positioning a rolling surface at a distance from said first winding element to define with the first winding element a channel for introducing winding cores;
- introducing said second winding core in said channel and making the second winding core roll, in contact with said rolling surface and with said web material fed around the first winding element;
- after said second winding core has transferred said portion of the glue to the web material, severing the web material between said second winding core and said first log;
- continuing to make said second winding core roll along said channel starting winding of the second log around the second winding core.

3. (Currently Amended) Method The method as claimed in claim 1 or 2, wherein said severing of the web material is by tensioning said web material downstream of the second winding core, to exceed tensile strength of said web material.

4. (Currently Amended) Method The method as claimed in claim 2, wherein said glue is applied to said winding cores as at least one longitudinal band.

5. (Currently Amended) Method The method as claimed in claim 4, wherein a single longitudinal band of said glue is applied to each core.

6. (Currently Amended) Method The method as claimed in claim 5, further comprising inserting the second winding core into said channel with the longitudinal band of said glue facing approximately opposite in respect to an area of contact of said core with the web material.

7. (Currently Amended) Method The method as claimed in claim 4, wherein two longitudinal bands of said glue are applied to each core, to glue the tail end of the first log and to secure the leading end to the second winding core.

8. (Currently Amended) Method The method as claimed in claim 7, wherein said two bands are composed of different glues ~~with different characteristics~~.

9. (Currently Amended) Method The method as claimed in claim 3, wherein said tensioning of said web material occurs after the second core has been introduced into said channel.

10. (Currently Amended) Method The method as claimed in claim 3, further comprising rotating said core along said channel to complete ^{approximately} a full turn before said severing of said web material.

11. (Currently Amended) ~~Method~~ The method as claimed in claim 4, wherein said at least one longitudinal band of glue is discontinuous.

12. (Currently Amended) ~~Method~~ The method as claimed in claim 2, wherein said first winding element is a winding roller.

13. (Currently Amended) ~~Method~~ The method as claimed in claim 12, wherein at least a part of winding takes place in a winding cradle defined by said first winding roller and by a second winding roller and a third winding roller.

14. (Currently Amended) ~~Method~~ The method as claimed in claim 13, wherein said severing of the web material is by accelerating said third winding roller.

15. (Currently Amended) A peripheral rewinding machine to produce logs of web material wound around tubular cores, comprising:

- a winding cradle with at least a first winding element around which said web material is fed;
- a feeding means to introduce said tubular cores towards said winding cradle;
- a means to sever the web material upon termination of winding each log;

- a glue dispenser to apply a glue to said cores, before introducing the cores into said winding cradle; wherein said feeding means and said means to sever the web material are synchronized so that a winding core is brought into contact with the web material fed around said first web winding element before the web material is severed, and wherein introduction of the winding core and operation of the means to sever the web material are coordinated so that the web material is severed in an area upstream, in respect to a direction of feed of the web material, of an area in which said winding core transfers a portion of the glue applied to the winding core to the web material.

16. (Currently Amended) Rewinding The rewinding machine as claimed in claim 15, further comprising a rolling surface defining with said first winding element a channel to introduce said winding cores; and wherein said winding cores are introduced into said channel and made to rotate inside the channel before severing of the web material.

17. (Currently Amended) Rewinding The rewinding machine as claimed in claim 15, wherein said means to sever the web material comprise at least a winding roller associated with acceleration means, which cause acceleration

of said winding roller to tension and sever the web material between a completed log and a new winding core.

18. (Currently Amended) Rewinding The rewinding machine as claimed in claim 15, wherein said glue dispenser is constructed and arranged to apply said glue along at least one longitudinal band on each of said cores.

19. (Currently Amended) Rewinding The rewinding machine as claimed in claim 18 15, wherein said glue dispenser is constructed and arranged to apply said glue along a single longitudinal band on each core.

20. (Currently Amended) Rewinding The rewinding machine as claimed in claim 19, wherein said glue dispenser, said feeding means and said channel are constructed and arranged so that the cores are introduced into the channel with the longitudinal band of glue facing approximately in a direction opposite to an area of contact between the tubular core and the web material fed around said first winding element.

21. (Currently Amended) Rewinding The rewinding machine as claimed in claim 15, wherein said glue dispenser is constructed and arranged to apply on each core, at least two separate longitudinal bands of glue.

6516/USSN 10/531,455
Group Art Unit 3654

22. (Currently Amended) Rewinding The rewinding
machine as claimed in claim 21, wherein said glue dispenser
is constructed and arranged to dispense different glues of
~~different types~~ along said two longitudinal bands.